

BEGA**51 062.5**

Track spotlight for indoor use



Project · Reference number

Date

Product data sheet

Application

Ceiling mounted track spotlight · indoor luminaire for 3-phase Eurostandard-Plus® track systems. The optical system of the washer is swivel-mounted and rotatable. Symmetrical wide beam light distribution. Optical diffuser filters are available as accessories for changing the light distribution. With BEGA Hybrid Optics®: Highly efficient and low-loss light distribution, thanks to reflector and optical lens.

Product description

GENIUS Track spotlight with adapter
Cast aluminium luminaire housing,
finish Colour velvet black,
Polycarbonate track adapter with integrated
LED power supply unit
Trim ring · Chrome finish
Safety glass, with internal optical diffuser filter
Optical silicone lens · BEGA Hybrid Optics®
Reflector surface made of pure aluminium
LED power supply unit
220-240 V ~ 50/60 Hz
DALI-controllable
Basic insulation is provided between the mains
and control cables
Safety class II
CE – Conformity mark
Weight: 1.1 kg
This product contains light sources of energy
efficiency class(es) E

Inrush current

Inrush current: 5 A / 50 µs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10 A: 31 luminaires
B 16 A: 50 luminaires
C 10 A: 52 luminaires
C 16 A: 85 luminaires

Lamp

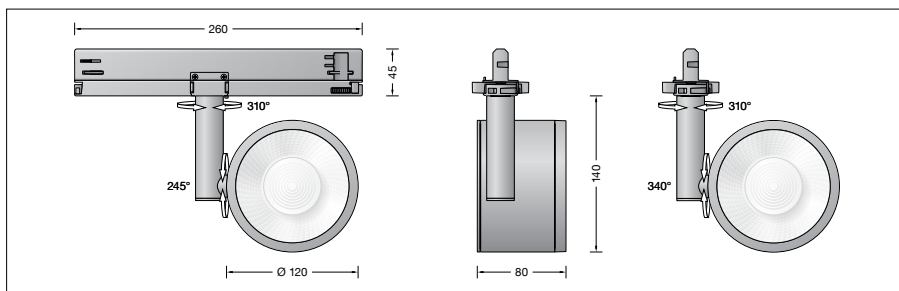
Module connected wattage 31.6 W
Luminaire connected wattage 37.5 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{ max}} = 35^\circ\text{C}$

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Module designation LED-0800/930
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 4220 lm
Luminaire luminous flux 2985 lm
Luminaire luminous efficiency 79,6 lm/W

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Module designation LED-0800/930
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 4285 lm
Luminaire luminous flux 3031 lm
Luminaire luminous efficiency 80,8 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 110,000 h (L 80 B 50)

Ambient temperature max. $t_a = 35^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 90,000 h (L 80 B 50)

Light technique

Track spot · surface washer with adjustable optical system.
Optical system 0-340° swivel-mounted and $\pm 310^\circ$ infinitely rotatable around the vertical luminaire axis.
Wide beam rotationally symmetrical light distribution. Half beam angle 70°
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Accessories · Optical diffuser filter

13 288 Diffuser filter flat beam
13 312 Diffuser filter symmetrical, diffuse
13 311 Diffuser filter asymmetrical

For the accessories a separate instructions for use can be provided upon request.

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LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Optional finishes

- Velvet white
- Velvet black

Code number **.1**
Code number **.5**